
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: von Düring

Attorney Docket No.: ELIOP002

Application No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: February 13, 2002

Group: Unknown

Title: LITHIUM FLAT CELL

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to a first action on its merits, please consider the following:

In the Claims:

All pending claims have been reproduced below for the convenience of the Examiner.

Please **AMEND** claim 1 as follows:

1. (Once Amended) A lithium flat battery consisting of a first housing part accommodating a first thin-layer electrode, a second housing part accommodating a second thin-layer electrode, and a separator placed between the electrodes, characterized by the fact that the housing parts of the battery are built of electrically conductive, that the separator presents electrically insulating sealing and bonding material in the area where both housing parts are in contact with each other and that the housing parts are united by the sealing and bonding material on the separator thus forming through him a closed housing.

Please **CANCEL** claims 2-8 without prejudice or disclaimer.

Please **ADD** new claims 9-29 as follows:

9. (New) A lithium flat battery according to claim 1 wherein the film building the housing parts is a metallic film.

10. (New) A lithium flat battery according to claim 9 wherein the inside of at least one of the two battery parts is coated in the area accommodating the thin-layer electrodes with an electrically conductive bonding material.

11. (New) A lithium flat battery according to claim 1 wherein the inside of at least one of the two battery parts is coated in the area accommodating the thin-layer electrodes with an electrically conductive bonding material.

12. (New) A lithium battery according to claim 1 wherein the contact areas on one of the housing parts are larger than those on the corresponding other housing part and wherein the sealing material on the separator covers the larger contact areas.

13. (New) A lithium flat battery according to claim 12 wherein the film building the housing parts is a metallic film.

14. (New) A lithium flat battery according to claim 12 wherein the inside of at least one of the two battery parts is coated in the area accommodating the thin-layer electrodes with an electrically conductive bonding material.

15. (New) A lithium flat battery according to claim 1 wherein the films building the battery parts present, at least on one side, a layer of electrolytically deposited copper particles.

16. (New) A lithium flat battery according to claim 15 wherein the film building the housing parts is a metallic film.

17. (New) A lithium flat battery according to claim 15 wherein the inside of at least one of the two battery parts is coated in the area accommodating the thin-layer electrodes with an electrically conductive bonding material.

18. (New) A lithium battery according to claim 15 wherein the contact areas on one of the housing parts are larger than those on the corresponding other housing part and wherein the sealing material on the separator covers the larger contact areas.

19. (New) A lithium flat battery according to claim 1 wherein the sealant on the separator outreaches over the edge of the films building the battery at least in the area where the electrical connector tabs are located.

20. (New) A lithium flat battery according to claim 19 wherein the film building the housing parts is a metallic film.

21. (New) A lithium flat battery according to claim 19 wherein the inside of at least one of the two battery parts is coated in the area accommodating the thin-layer electrodes with an electrically conductive bonding material.

22. (New) A lithium battery according to claim 19 wherein the contact areas on one of the housing parts are larger than those on the corresponding other housing part and wherein the sealing material on the separator covers the larger contact areas.

23. (New) A lithium flat battery according to claim 19 wherein the films building the battery parts present, at least on one side, a layer of electrolytically deposited copper particles.

24. (New) A lithium flat battery according to claim 1 wherein the separator presents the shape of a waffle comprising a peripheral rim and depressions accommodating the electrodes.

25. (New) A lithium flat battery according to claim 24 wherein the film building the housing parts is a metallic film.

26. (New) A lithium flat battery according to claim 25 wherein the inside of at least one of the two battery parts is coated in the area accommodating the thin-layer electrodes with an electrically conductive bonding material.

REMARKS

Claim 1 has been amended. Claims 2-8 have been canceled. Claims 9-29 have been added. Claims 1 and 9-29 are currently pending in this application.

Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner. Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,

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MARKED UP VERSION INDICATING CHANGES MADE

1. (Once Amended) A lithium [Lithium] flat battery consisting of a first housing part accommodating a first thin-layer electrode, a second housing part accommodating a second thin-layer electrode, and a separator placed between the electrodes, characterized by the fact that the housing parts [(1, 2)] of the battery are built of electrically conductive, that the separator [(5)] presents electrically insulating sealing and bonding material [(5₁)] in the area where both housing parts [(1, 2)] are in contact with each other and that the housing parts [(1, 2)] are united by the sealing and bonding material [(5₁)] on the separator [(5)] thus forming through him a closed housing.